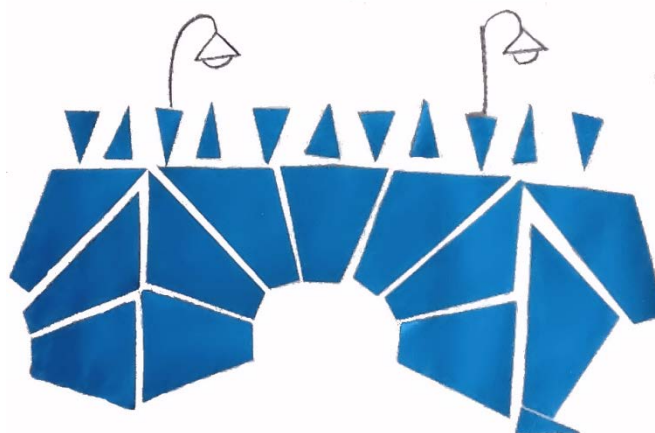
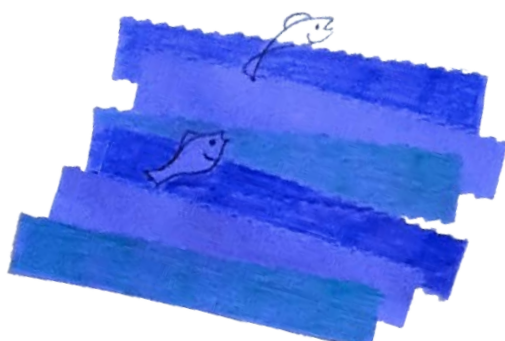


THE PERFECT SQUARE

Integrating Literature, Art and Geometry

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What to do with the Perfect Square.

This series of lessons accompanies the book *Perfect Square* by Michael Hall, which tells the weeklong story of a perfectly happy square, which each day is cut apart, torn, or crumpled. Being creative, the square is undaunted and persistent and using his ingenuity, he transforms himself into something new like a babbling fountain, mountain, a river, etc.

This packet contains:

- How many shapes can you find? activity page
- Vocabulary cards for word sorts
- Comprehension question cards
- Cause and effect graphic organizer
- Sequencing cards
- Templates to make the squares for each day of the week
- Template for creating your own square

I use this book with young students to integrate literature, art and geometry. Show the animated book trailer of the *Perfect Square* by Michael Hall on *You Tube* as an introduction and to get students excited about the book and its possibilities. As the students read the story, talk about the use of color, line, symmetry, shapes, patterns, and texture in the illustrations. Have the students make predictions about what the square will become.

After reading the story, students can try to find geometric shapes in the pictures, complete comprehension questions, word sorts, cause and effect, and sequencing activities.

Next, students use the pages in the unit to replicate the illustrations in the book. All you need are paper, scissors, zig zag scissors, paint or crayons, a hole punch, and glue sticks. I like to duplicate the pages on colored paper and have the students add shading with crayons, but you can duplicate them on white paper and have the students use paint to shade the squares.

Tip: I learned when gluing the small circles made by the hole punch was to slightly dampen the tip of a pencil eraser to pick up the circles. Dab the glue where you want it to go and then place the circle on the glue. So much easier!

Finally, have the students use their imagination to create their own perfect square story. You can have each student create a page for a class book, or you can have students create his/her individual book.

How many can you find?

squares



lines



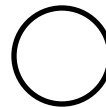
rectangles



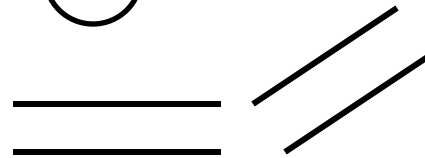
triangles



circles



parallel lines



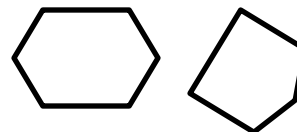
trapezoids



parallelograms



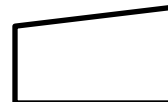
polygons



regular polygons



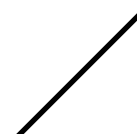
irregular polygons



quadrilaterals



right triangles



Vocabulary Word Sort:

perfect

equal

babbled

giggled

shredded

shattered

snipped

crumpled

Vocabulary Word Sort:

ripped

wrinkled

confining

rigid

Cramped

square

snipped

strips

Comprehension Question Cards:

In the beginning of the story, how does the square feel?

What does it mean to be perfect? Is anything really perfect?

Who or what is cutting, crumpling, and shredding the square? How do you know?

How did the square react to being changed? Would you have reacted the same way?

How did the feelings of square change from the beginning of the story to the end?

If you could change anything about yourself, what would you change? Why?

If you could change the square into something else, what would it be?

On Sunday the square felt confined, rigid, and cramped. Have you ever felt that way? Explain.

Comprehension Question Cards:

What lesson is the author trying to teach us in this story?

How does the square react to change? Do you react the same way?

What character traits can you use to describe the square?

What is the theme of this story?

What was your favorite thing the square changed into? Why?

Was the square more perfect at the beginning of the story or the end? Why or why not?

Why do you think nothing happened to the square on Sunday?

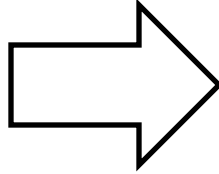
Does this story have a good ending? Why or why not?

Cause and Effect

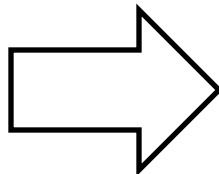
What happened to the square?

What was the effect?

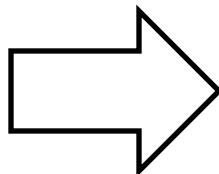
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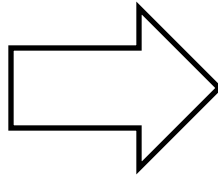
Tuesday



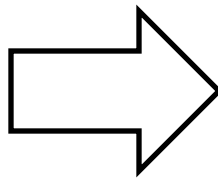
Wednesday



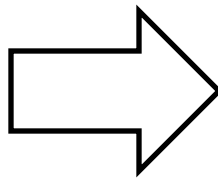
Thursday



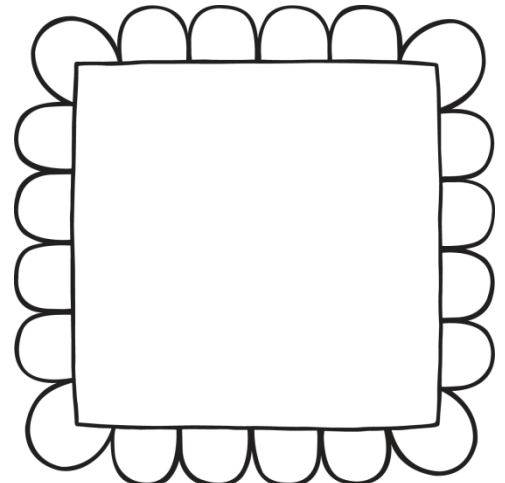
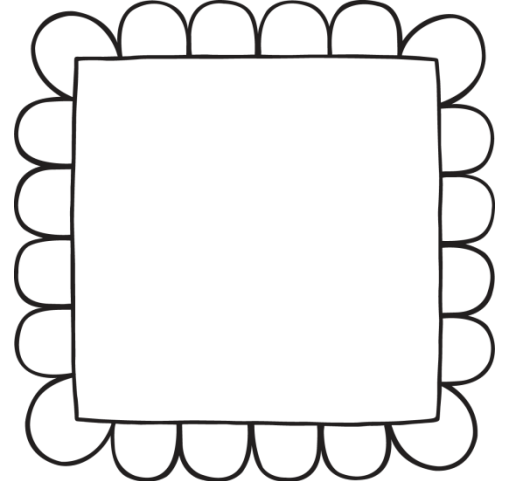
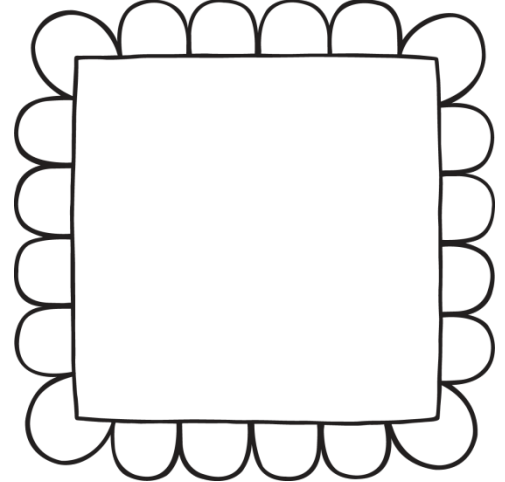
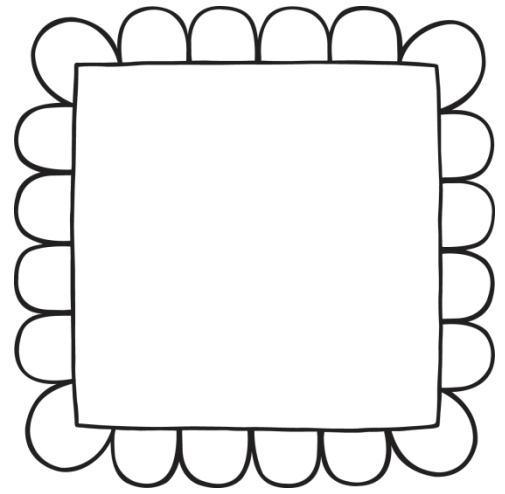
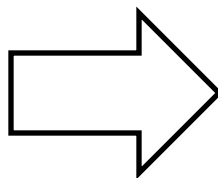
Friday



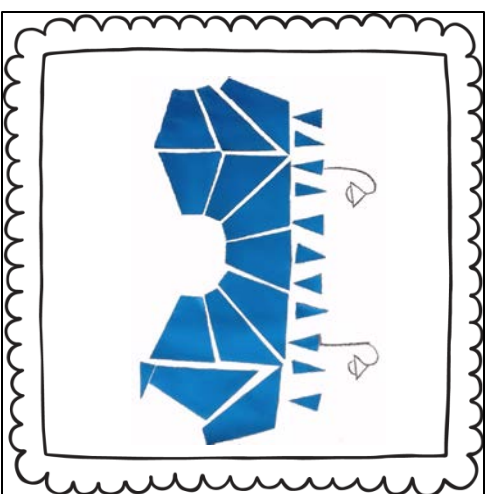
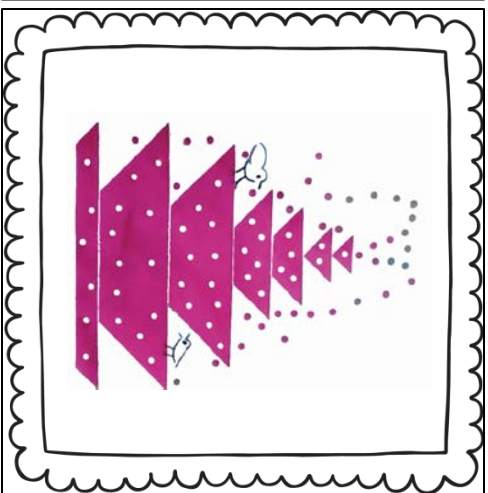
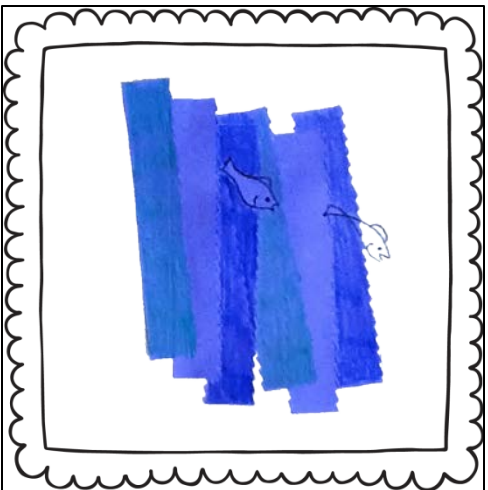
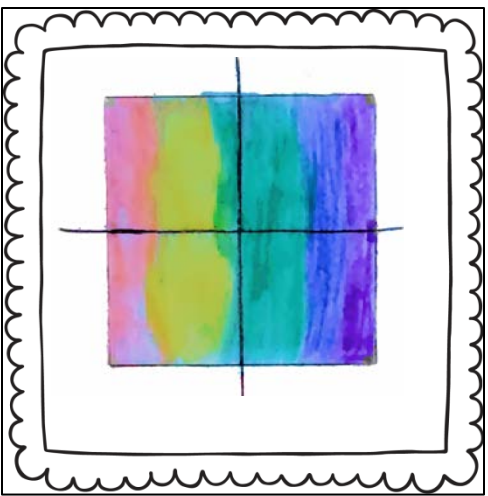
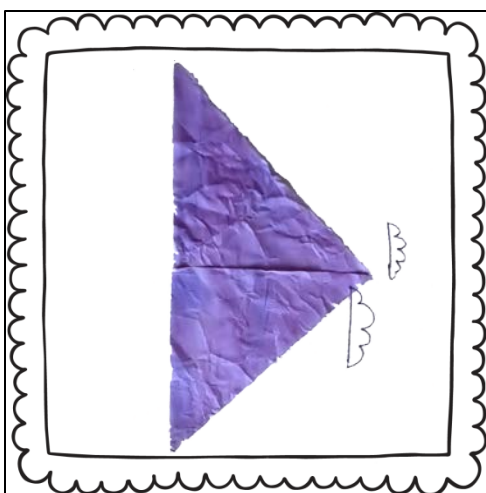
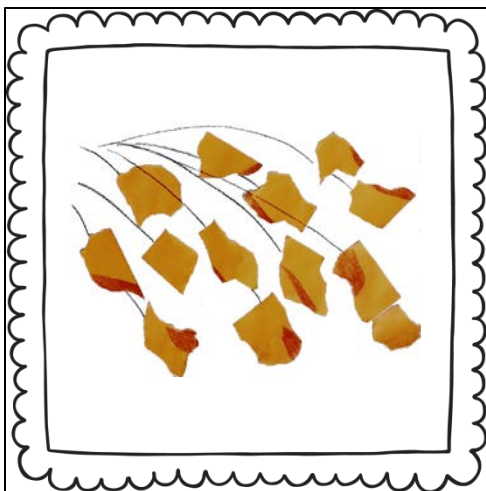
Saturday



Sunday



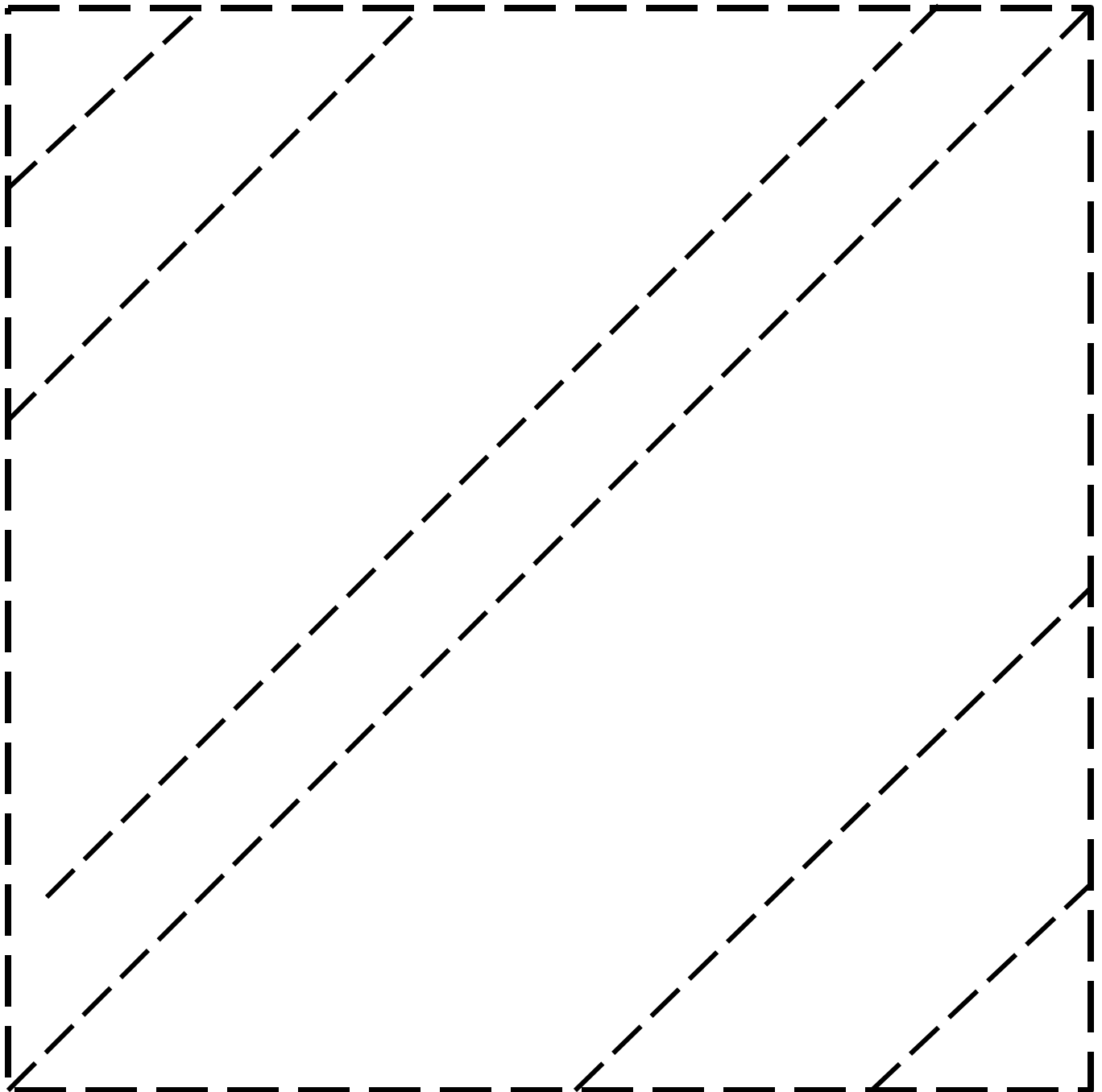
Cut out the pictures and put them in the order they happened in the story.



Monday



Cut along the dotted lines.
Use a hole punch to make holes
in your shapes. Glue your
shapes on a sheet of paper to
make a fountain.

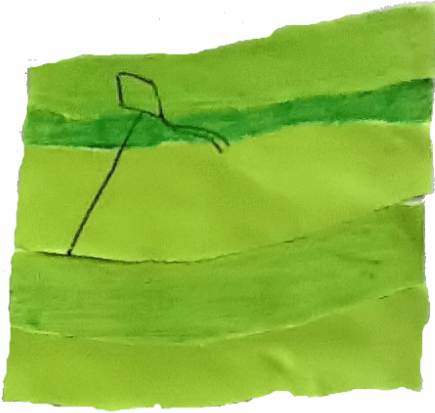


Tuesday



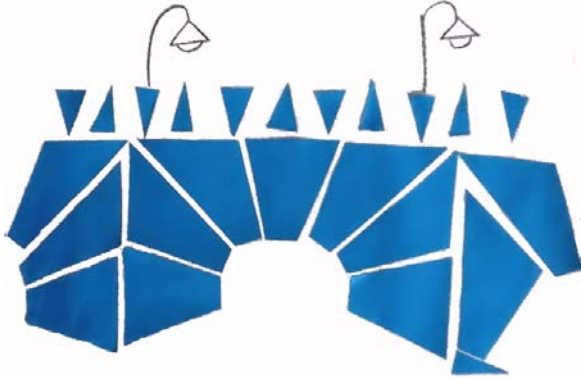
Cut out your square and tear it into scraps. Glue the scraps on a separate piece of paper and add lines to make a garden.

Wednesday

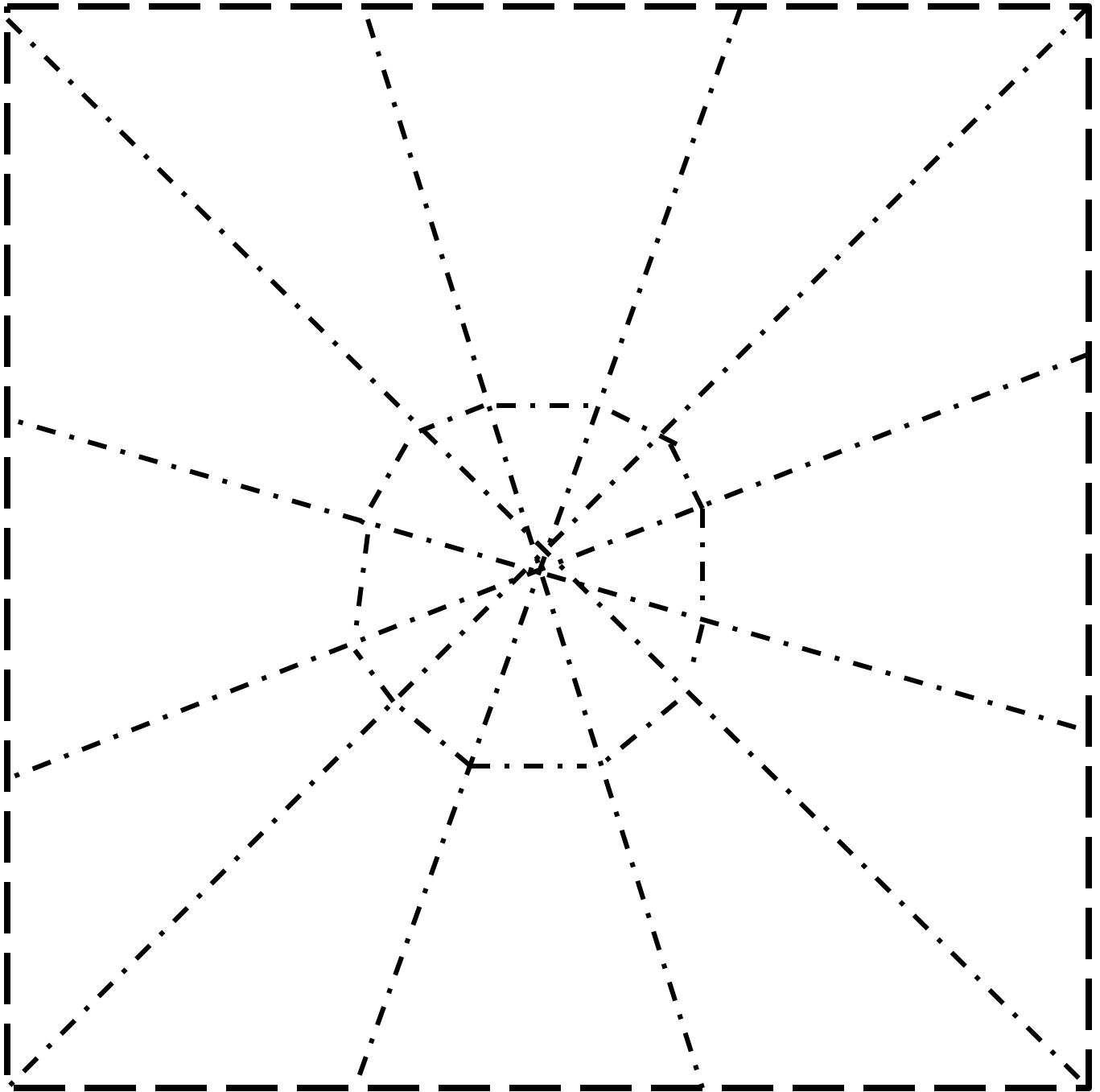


Cut out your square and tear it into strips. Glue the strips on a separate sheet of paper to make a park.

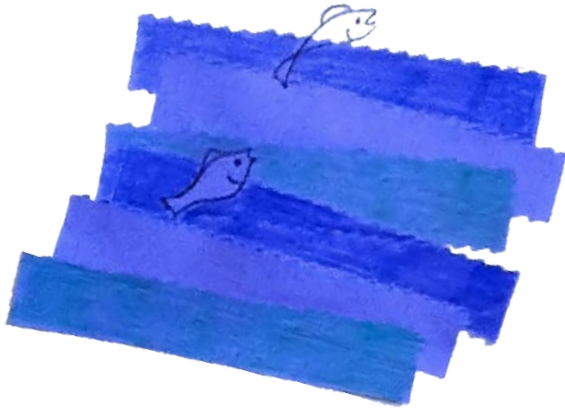
Thursday



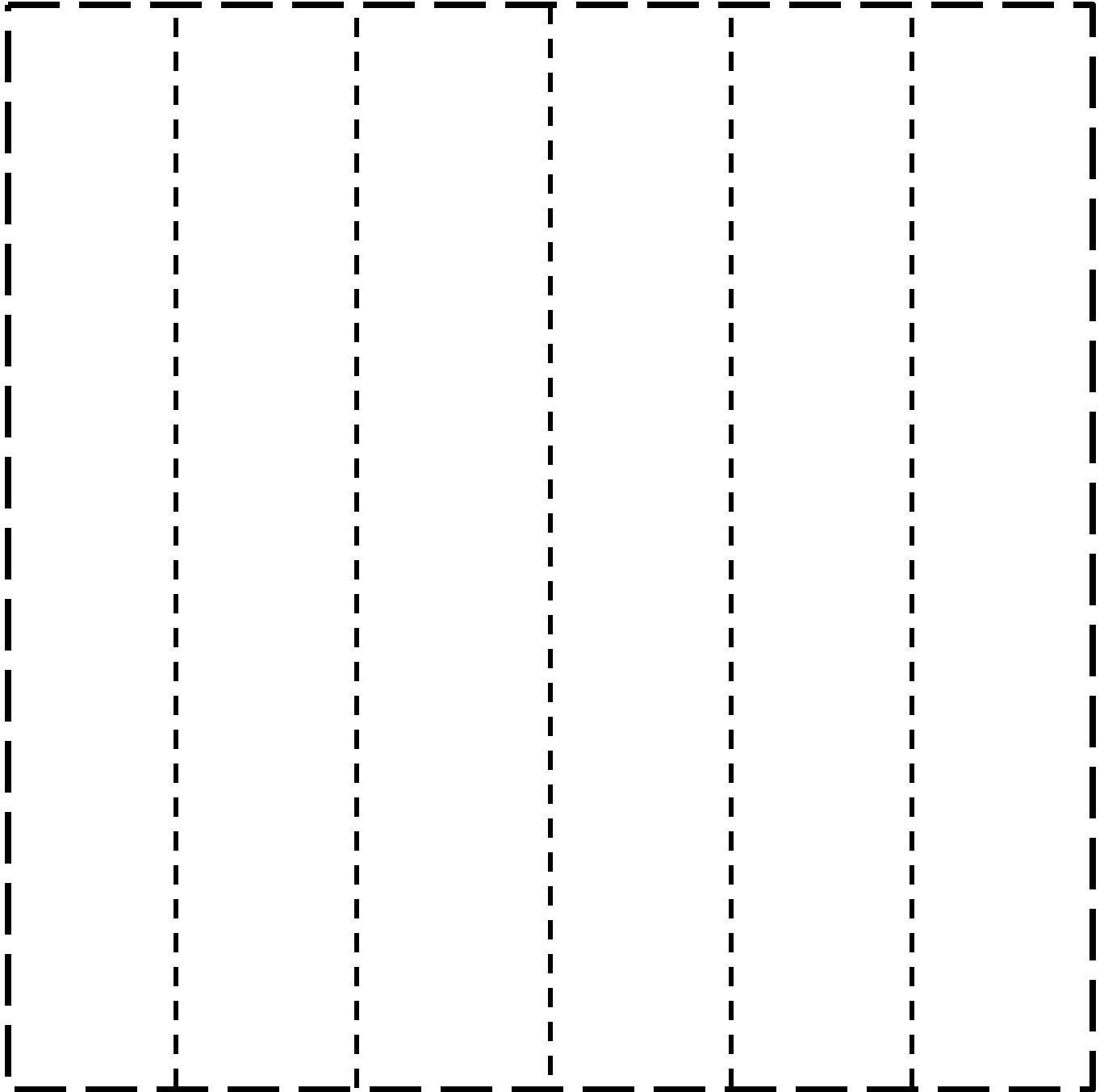
Cut out your square along the lines. Glue the pieces on a separate piece of paper to make a bridge.



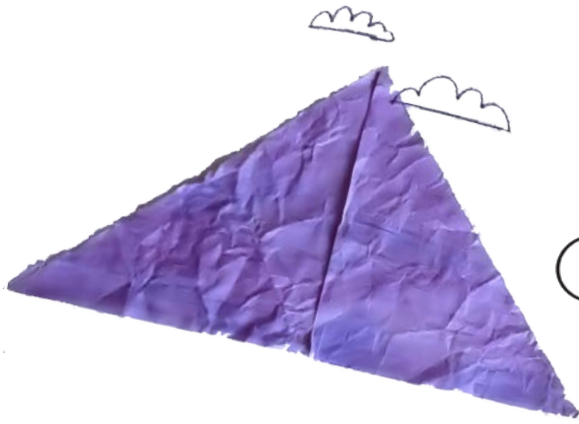
Friday



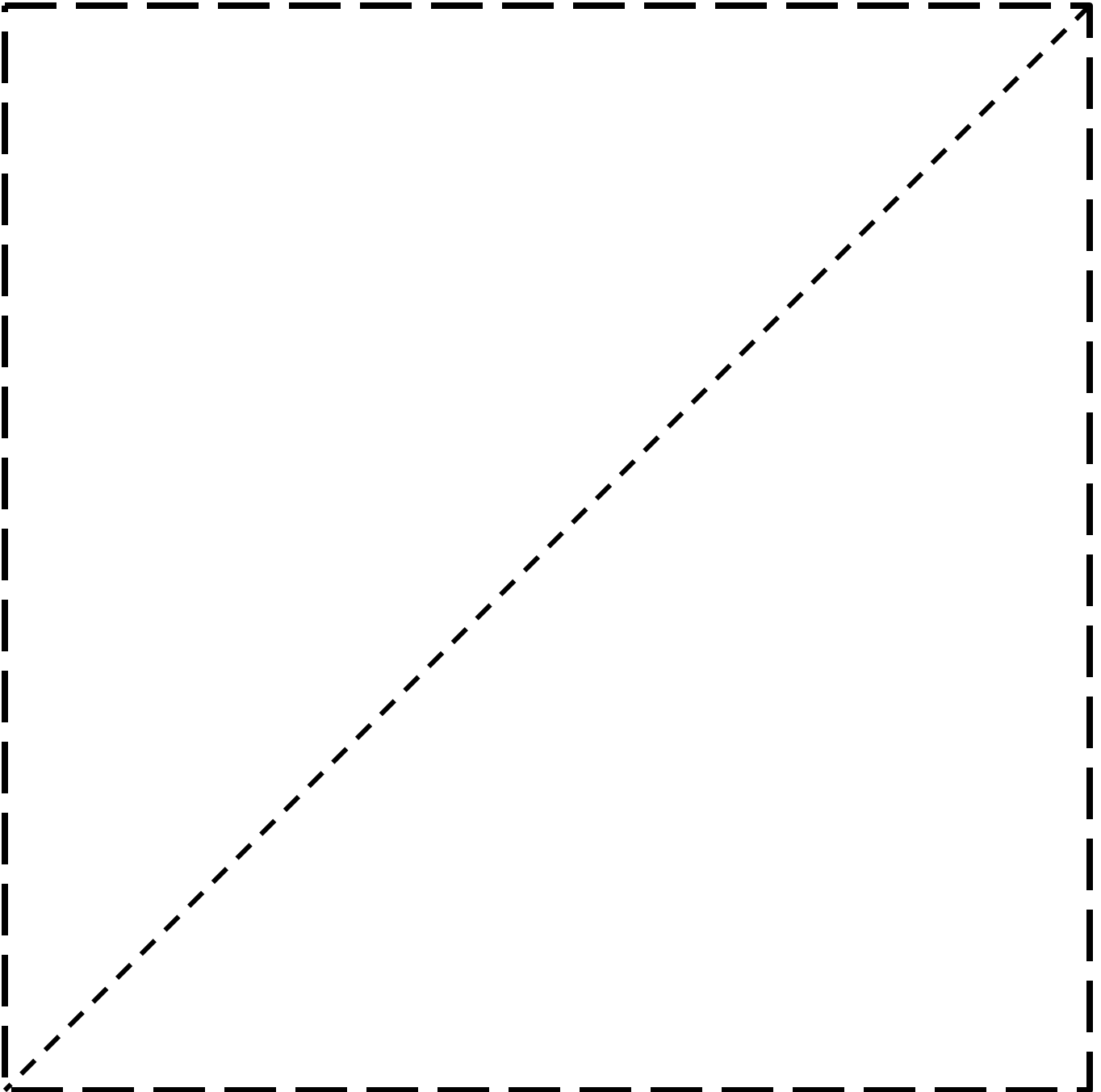
Cut out your square along the lines. Use zig zag scissors to cut along the strips. Glue the pieces on a separate piece of paper to make a river.



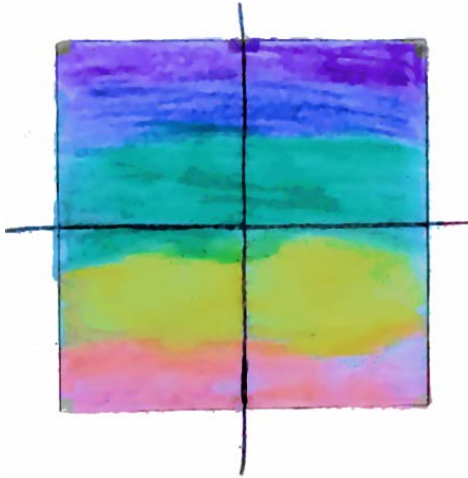
Saturday



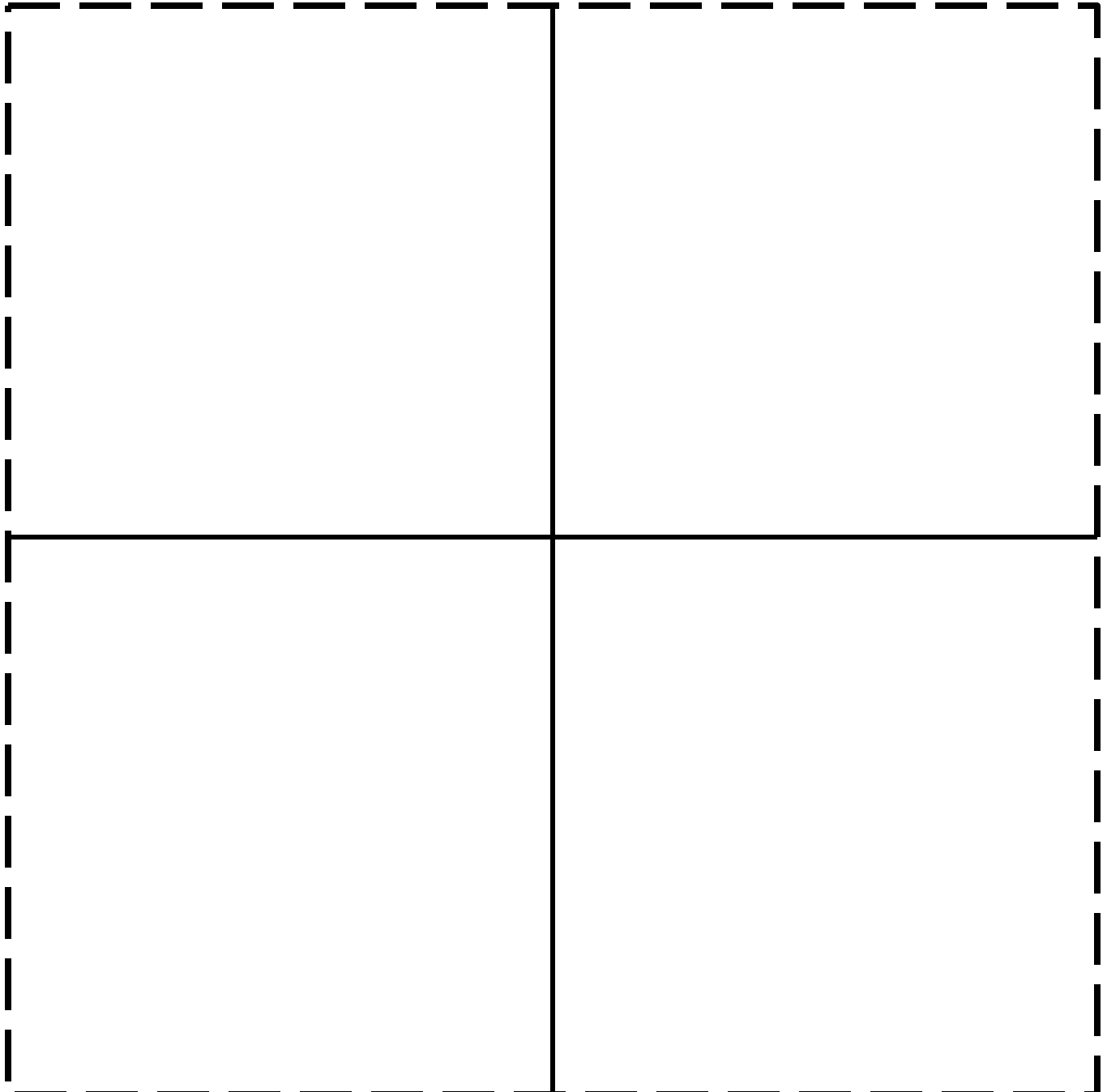
Cut along the lines. Crumple the pieces of paper and then flatten them. Glue the pieces on a separate piece of paper to make a mountain.



Sunday



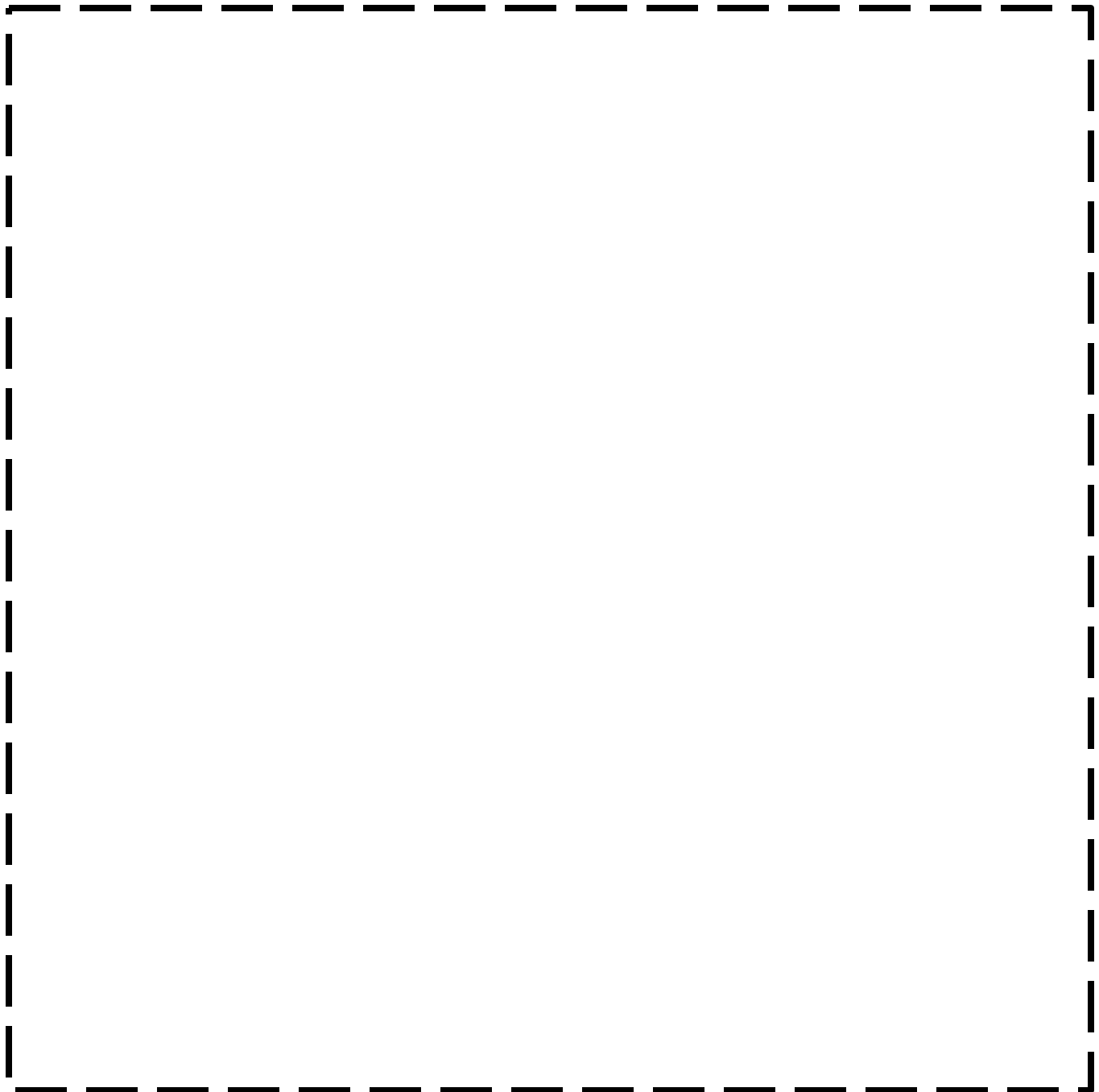
Cut out your square along the dotted lines. Glue the square on a sheet of paper. Color the square to make a window.



Now It's Your Turn!



Cut out your square along
the dotted lines. Do
whatever you want to your
square to make a new
picture!



I hope you and your students enjoy this freebie. I always appreciate feedback. That is how we learn and improve!

For more teaching resources and ideas, visit me at my blog at www.keepemthinking.com.

Visit my TPT store at:

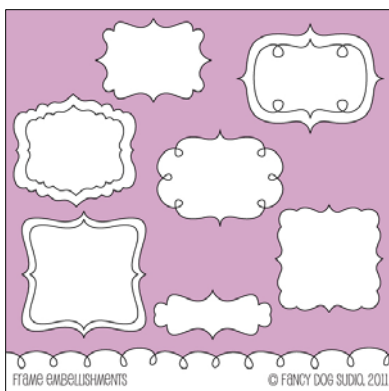
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Remember to always...



- Susan Morrow

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